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CPY - MITY

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**MC - E10-C03 E31-P02B E31-P05 E31-P05B E34-B01 E35 G06-F05 G06-G G06-H11
M3 - [01] A212 A313 A940 B114 B701 B712 B720 B831 C108 C802 C803 C804 C805
C807 M411 M782 M903 Q345 R032**

**- [02] G011 G100 H4 H401 H441 H8 J0 J011 J1 J131 M280 M320 M414 M417
M510 M520 M531 M540 M630 M782 M903 Q345 R032**

PA - (MITY) MITSUBISHI PAPER MILLS LTD

PN - WO8601158 A 19860227 DW198610 Jpn 022pp

- JP61049886 A 19860311 DW198616 000pp

- AU4637385 A 19860307 DW198623 000pp

PR - JP19840171275 19840817

XA - C1986-029580

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XP - N1986-050435

**AB - WO8601158 This recording material has been developed specifically to
improve the fastness of colour images. It consists of a basic leuco
dye (I) and an acidic colour developer (II). (I) can contain a
triphenyl methane lacton dye, a fluoran dye, a leucotriphenyl methane
dye, etc. or a mixt. of these but it must contain also at least one
carbazolylmethane cpd. (II) has two components, a main (more than 50
wt.%) and a subsidiary (less than 50 wt.%). The main component is a
solid acid derived from a clay material. Its electron beam diffraction
pattern should indicate a laminar structure based on tetrahedral
silicon but its X-ray diffraction pattern should not. It contains the
elements oxygen, silicon, magnesium and/or aluminium. A commercial
semi-synthetic solid acid can be used. The subsidiary component
comprises a polyvalent metal salt of a salicylic acid deriv. and, if
necessary, at least one metal cpd. of the type oxide, hydroxide, or
carbonate of Zn, Mg, Cd, Ni, Mn, etc.**

**- ADVANTAGE - The combination of two components in (II) accelerates the
speed of colouring and improves the fastness of the colour images.**

DN - AU US

**IW - IMPROVE ACID BASE TYPE RECORD MATERIAL FORM COLOUR IMAGE FAST CONSIST
BASIC LEUCO DYE ACIDIC COLOUR DEVELOP**

**IKW - IMPROVE ACID BASE TYPE RECORD MATERIAL FORM COLOUR IMAGE FAST CONSIST
BASIC LEUCO DYE ACIDIC COLOUR DEVELOP**

INW - KAWAI A

NC - 013

OPD - 1984-08-17

ORD - 1986-02-27

PAW - (MITY) MITSUBISHI PAPER MILLS LTD

**TI - Improved acid-base type recording material - forms colour images with
excellent fastness and consists of basic leuco dye and acidic colour
developer**